

Marflex Improves Production Quality and Yield with Honeywell MXProLine

Case Study

“We selected Honeywell for reliability and trust. Their systems installed and commissioned to plan and enables us to make the quality of film we need for our customers”.

– **Apostolos Kerkemez**, General Manager, Marflex

Background

Marflex, based in Karczew, Poland, a division of the M.J. Maillis Group since 2000, has been manufacturing high quality stretch film on their cast extrusion lines and supplying to customers across Europe.

Marflex also offers machines for end of line packaging such as stretch wrapping and strapping, which gives them the knowledge of what is needed in their film for the downstream processors. The quality of their films has been one of the main reasons for their reputation, and growth.



Line Winder at Marflex

Challenge

As part of their growth, Marflex recently installed their fastest machine to help their expanding market. The focus of this project was delivering high quality film with minimal amount of raw material.

Marflex selected Honeywell for the new machine following the success of two previous projects.

Solution

The two MXProLine systems installed at Marflex earlier successfully, reduced profile variation to better than 1/3 of the best manual profile. As a result of the improvement in the tensile strength of the film, and their positive experience of working with Honeywell, Marflex ordered their 3rd MXProLine system for their new machine. Like the earlier instances, the need was quality, and optimal resin usage. While cross direction control optimizes the profile as close to the edge as possible, machine direction control will ensure correct product thickness.



MXProLine 4080 Intelligent Scanner

The Partnership

“For the new machine we had no doubt Honeywell was the solution for us: Our experience of the ease of installation and timely commissioning of the previous two systems and the quality of the film we are producing made our choice simple” says Krzysztof Frączyk, Maintenance Manager at Marflex.

In 2014, Marflex installed the first MXProLine™ system and commissioned as planned, which included cross direction profile control and machine direction control to improve product uniformity and reducing raw material usage.

A few months later, Marflex installed a second MXProLine System, to deliver high quality film for their customers' wrapping lines.



Marflex Stretch wrap film

Benefits

The MXProLine systems help Marflex to:

- Improve sheet quality
- Reduce resin usage
- Start-up faster
- Reduce waste
- Eliminate downstream rejects

The return on investment of the MXProLine systems on site can be measured over a short time period. The reliability and local support means the system's low cost of ownership make them valuable assets for both the short and long term.

Honeywell Support

Being a large global company, Honeywell also has the support infrastructure in place in most regions of the world. For Marflex, this meant a knowledgeable team, with experience in measurement and control systems, and process knowledge were available locally to install, commission and support their systems.



Process visibility through MXProLine System

For More Information

Learn more about how Honeywell's MXProLine Quality Control System can improve product quality, visit www.honeywellprocess.com or contact your Honeywell Account Manager.

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